

A S S I G N M E N T

WHEREAS, we, Mary E. Counts, Bernard C. LaRoy, D. Bruce Losee, Jr., Constance H. Morgan, Ulysses Smith, F. Murphy Sprinkel, Jr., and Francis V. Utsch, residing respectively at

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have made an invention in:

FLAVOR GENERATING ARTICLE

and are about to make application for United States Letters Patent therefor, the same being executed by us on even date or dates herewith; and

WHEREAS, PHILIP MORRIS INCORPORATED, a corporation organized and existing under the laws of the State of Virginia and having an office and place of business at 120 Park Avenue, New York, New York 10017, is desirous of acquiring the entire interest in said invention for the United States, in said United States patent application, and in any United States Letters Patent which may issue thereon; and

WHEREAS, PHILIP MORRIS PRODUCTS INC., a corporation organized and existing under the laws of the State of Virginia and having an office and place of business at 3601 Commerce Road, Richmond, Virginia 23234, is desirous of acquiring the entire interest in said invention outside of the United States, in any foreign patent applications, and in any foreign Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration,

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the receipt and sufficiency of which is hereby acknowledged;

1. We do hereby sell, assign and transfer unto the said PHILIP MORRIS INCORPORATED, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for the United States, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and all right, title and interest in and to any United States patent which may issue thereon and any reissues of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention in the United States to the said PHILIP MORRIS INCORPORATED as the assignee of the entire United States interest therein.

2. We do hereby sell, assign, and transfer unto the said PHILIP MORRIS PRODUCTS INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all foreign countries, including the right to claim priority under the International Convention based on said United States patent application, and all right, title and interest in and to every foreign patent application filed or to be filed on said invention in any foreign country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention in any foreign country to the said

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PHILIP MORRIS PRODUCTS INC. as the assignee of the entire foreign interest therein.

We further agree to execute upon request of the assignees such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignees under this Assignment.

IN TESTIMONY THEREOF, we have hereunto signed our names and affixed our seals on the dates indicated hereinafter:

11-27-89
(Date)

Mary E. Counts
Mary E. Counts

STATE OF VIRGINIA)
: ss.:
CITY OF RICHMOND)

On this 27th day of November, 1989, appeared before me in person the above-named Mary E. Counts and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

(Notarial seal)

My Commission Expires:

2/26/93

2020051673

11-22-89
(Date)

Bernard C. LaRoy
Bernard C. LaRoy

STATE OF VIRGINIA)
: ss.:
CITY OF RICHMOND)

On this 22 day of November, 1989,
appeared before me in person the above-named Bernard C.
LaRoy and acknowledged the above to be his signature
and that he signed, sealed and delivered the above
instrument as his voluntary act and deed, and for the
uses and purposes therein set forth.

Christine E. Hard
Notary Public

(Notarial seal)

My Commission Expires:

2/26/93

11/22/1989
(Date)

D. Bruce Losee, Jr.
D. Bruce Losee, Jr.

STATE OF VIRGINIA)
: ss.:
CITY OF RICHMOND)

On this 22 day of November, 1989,
appeared before me in person the above-named D. Bruce
Losee, Jr. and acknowledged the above to be his
signature and that he signed, sealed and delivered the
above instrument as his voluntary act and deed, and for
the uses and purposes therein set forth.

Christine E. Hard
Notary Public

(Notarial seal)

My Commission Expires:

2/26/93

2020051674

11/22/89
(Date)

Constance H. Morgan
Constance H. Morgan

STATE OF VIRGINIA)
: ss.:
CITY OF RICHMOND)

On this 22nd day of November, 1989,
appeared before me in person the above-named Constance
H. Morgan and acknowledged the above to be his
signature and that he signed, sealed and delivered the
above instrument as his voluntary act and deed, and for
the uses and purposes therein set forth.

Christine E. Hard
Notary Public

(Notarial seal)

My Commission Expires:

2/26/93

11-22-89
(Date)

Ulysses Smith
Ulysses Smith

STATE OF VIRGINIA)
: ss.:
CITY OF RICHMOND)

On this 22nd day of November, 1989,
appeared before me in person the above-named Ulysses
Smith and acknowledged the above to be his signature
and that he signed, sealed and delivered the above
instrument as his voluntary act and deed, and for the
uses and purposes therein set forth.

Christine E. Hard
Notary Public

(Notarial seal)

My Commission Expires:

2/26/93

2020051675

11/27/84
(Date)

STATE OF VIRGINIA)
CITY OF RICHMOND) : ss.:

F. Murphy Sprinkel, Jr.

On this 27th day of November, 1989,
appeared before me in person the above-named F. Murphy
Sprinkel, Jr. and acknowledged the above to be his
signature and that he signed, sealed and delivered the
above instrument as his voluntary act and deed, and for
the uses and purposes therein set forth.

(Notarial seal)

My Commission Expires:

2/26/93

11-27-89

Francis V. Utsch
Francis V. Utsch

STATE OF VIRGINIA)
CITY OF RICHMOND) : ss.:

On this 27th day of November, 1989,
appeared before me in person the above-named Francis V.
Utsch and acknowledged the above to be his signature
and that he signed, sealed and delivered the above
instrument as his voluntary act and deed, and for the
uses and purposes therein set forth.

(Notarial seal)

My Commission Expires:

2/26/93

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